

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NUMBER <b>NIH-0379</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (if known see 37 C.F.R. 1.5) <b>10/031,095</b>
INTERNATIONAL APPLICATION NO. <b>PCT/US00/19042</b>	INTERNATIONAL FILING DATE <b>12 JULY 2000 (12.07.2000)</b>	PRIORITY DATE CLAIMED <b>13 JULY 1999 (13.07.1999)</b>
TITLE OF INVENTION: <b>PRODUCTION OF RECOMBINANT RESPIRATORY SYNCYTIAL VIRUSES EXPRESSING IMMUNE MODULATORY MODULES</b>		
APPLICANT(S) FOR DO/EO/US: <b>COLLINS, Peter L.; BUKREYEV, Alexander; MURPHY, Brian R.; WHITEHEAD, Stephen S.</b>		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</li> <li>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) 35 U.S.C. 371(c)(4).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11. to 16. below concern other document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.  <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> A substitute specification.</li> <li>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>16. <input checked="" type="checkbox"/> Other items or information:             <ul style="list-style-type: none"> <li>- copy Notification of Missing Requirements mailed 4/18/2002 (2 sheets)</li> <li>- Transmittal Letter Submitting Sequence Listing (1 sheet)</li> <li>- Sequence Listing in written form (4 sheets) and computer readable format (1 diskette)</li> <li>- Statement to Support Filing and Submission (2 sheets)</li> <li>- Associate Power of Attorney (2 sheets)</li> <li>- authorization to charge deposit account for \$130 surcharge</li> <li>- return post card</li> </ul> </li> </ol>		
EXPRESS MAIL Mailing Label No. <b>EL695382975US</b> Date of Deposit: <b>June 18, 2002</b>		

U.S. APPLICATION NO. (if known 37 C.F.R. 1.5) <b>10/031,095</b>		INTERNATIONAL APPLICATION NO. <b>PCT/US00/19042</b>		ATTORNEY DOCKET NUMBER <b>NIH-0379</b>	
17. <u>  </u> The following fees are submitted: <b>Basic National Fee (37 CFR 1.492(a)(1) - (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO..... <b>\$1,040.00</b>  International preliminary examination fee (37 CFR 1.482 not paid to USPTO but International Search Report has been prepared by the EPO or JPO..... <b>\$890.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... <b>\$740.00</b>  International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... <b>\$710.00</b>  International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)..... <b>\$100.00</b>  <div style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div>				<div style="text-align: center;"><u>CALCULATIONS</u>      <u>PTO USE ONLY</u></div>	
Surcharge of \$130.00 for furnishing the oath or declaration later than <u>  </u> 20 <u>  X  </u> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<b>\$130.00</b>	
Claims	Number Filed	Number Extra	Rate		
Total claims	- 20 =		X \$18.00	\$	
Independent Claims	- 3 =		x \$84.00	\$	
Multiple dependent claims(s) (if applicable)			+ \$280.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	
<u>      </u> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				\$	
Processing fee of <b>\$130.00</b> for furnishing the English translation later the <u>  </u> 20 <u>  </u> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	\$
<b>TOTAL NATIONAL FEE =</b>				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property				+	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$130.00</b>	
05/25/2002 LLANDGRA 00000004 233050    10031095 01 FC:154            130.00 CH				<b>Amount to be:</b> refunded	\$
				charged	\$
a. <u>  </u> A check in the amount of \$ <u>      </u> to cover the above fee is enclosed.  b. <u>  X  </u> Please charge my Deposit Account No. 23-3050 in the amount of <b>\$130.00</b> to cover the above fees. A duplicate copy of this sheet is enclosed.  c. <u>  X  </u> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-3050. A duplicate copy of this sheet is enclosed.					
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must          be filed and granted to restore the application to pending status.</b>					
SEND ALL CORRESPONDENCE TO:					
Woodcock Washburn LLP One Liberty Place - 46th Floor Philadelphia, PA 19103 (215) 568-3100				<div style="text-align: center;"> </div> <div style="text-align: center;"> <b>Jeffrey J. King, Esq.</b>          NAME       </div> <div style="text-align: center;"> <b>38,515</b>          REGISTRATION NUMBER       </div>	

**DOCKET NO.: NIH-0379**

**PATENT**

**IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

**In Re Application of:**

COLLINS, Peter L., et al.

**U.S. Serial No.:** 10/031,095

**Intl. Appln. No.:** PCT/US00/19042

**Group Art Unit:** not yet known

**Intl. Filing Date:** 12 July 2000

**Examiner:** not yet assigned

**For:** PRODUCTION OF RECOMBINANT RESPIRATORY SYNCYTIAL VIRUSES  
EXPRESSING IMMUNE MODULATORY MOLECULES

**BOX PCT**

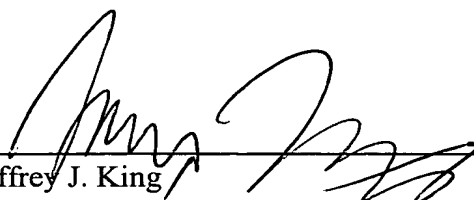
Commissioner for Patents  
United States Patent and Trademark Office  
Washington, DC 20231

**TRANSMITTAL LETTER SUBMITTING SEQUENCE LISTING**

Applicants submit herewith the Sequence Listing in written (4 sheets) and computer readable form (1 diskette), the contents of which are the same.

The enclosed Sequence Listing does not go beyond the disclosure in the international application as filed.

Date: June 18, 2002

  
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